

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A lamp which radiates visible light and infrared light, having a lamp bulb comprising:

at least a first region which is at least partly permeable to infrared light and at least partly impermeable to visible light, and

at least a second region which is wholly or partly permeable at least to the visible light,

wherein the first region is located at has an L-shaped cross-section including a first portion and a second portion, the first portion of encircling the lamp bulb fully substantially near a base of the lamp bulb in a lateral direction of the lamp bulb, and is located at a and the second portion of extending along the lamp bulb in a longitudinal direction, and wherein the first portion in

~~the lateral direction is located at an end of the second portion in the longitudinal direction substantially near a base of the lamp bulb.~~

2. (Previously Presented) The lamp as claimed in claim 1, wherein the first region has a filter coating.

3. (Previously Presented) The lamp as claimed in claim 2, wherein the filter coating forms a semi-circular shell.

4. (Previously Presented) The lamp as claimed in claim 2, wherein the filter coating envelops the bulb.

5. (Previously Presented) The lamp as claimed in claim 4, wherein the filter coating envelops one of two incandescent filaments.

6. (Previously Presented) The lamp as claimed in claim 2, wherein the filter coating is provided on a shield.

7. (Previously Presented) The lamp as claimed in claim 1, further comprising means for safeguarding a neutral color impression within a white region, said means being arranged on the lamp bulb.

8. (Previously Presented) The lamp as claimed in claim 1, further comprising means for reflecting infrared light at least partly into the first region, said means being arranged in the second region.

9. (Previously Presented) The lamp as claimed in claim 1, wherein the lamp is constructed as a halogen lamp or as a gas discharge lamp.

Claims 10-12 (Canceled)

13. (Previously Presented) The lamp of claim 1, further comprising a shield separating said first region and said second region, said shield allowing passage of said infrared light to said first region and blocking said white light.

14. (Previously Presented) The lamp of claim 1, wherein said first region includes at least one extremity of the lamp and one side of the lamp.

15. (Previously Presented) The lamp of claim 1, wherein said second region includes a coating that reflects the infrared light to said first region.

16. (Previously Presented) A headlight comprising:
a light source for providing source light including visible light, UV light and infrared light;
a reflector configured to reflect said source light, said reflector having an upper sector for reflecting said source light downward to form a low beam, and a lower sector for reflecting said source light upward to form a high beam, said high beam having a higher direction than said low beam; and
a screen configured to receive said high beam from said lower sector and to substantially pass said UV light and said infrared light and block said visible light.

17. (Previously Presented) The lamp of claim 1, wherein the lamp further radiates UV light, and wherein the first region is at least partly permeable to the UV light.

18. (Previously Presented) A headlight comprising:

 a light source for providing source light including visible light and infrared light;

 a reflector configured to reflect said source light, said reflector having an upper sector for reflecting said source light downward to form a low beam, and a lower sector for reflecting said source light upward to form a high beam, said high beam having a higher direction than said low beam; and

 a screen configured to receive said high beam from said lower sector and to substantially pass said infrared light and block said visible light.

19. (Previously Presented) A lamp radiating visible light and infrared light, having a lamp bulb comprising:

 at least a first region which is at least partly permeable to

infrared light and at least partly impermeable to visible light,

and

at least a second region which is permeable to blue and green light only.

20. (Previously Presented) The lamp from claim 19, further comprising a third region which is wholly or partly permeable at least to the visible light.

21. (Previously Presented) The lamp from claim 19, wherein said lamp bulb includes two filaments.

22. (Previously Presented) The lamp from claim 20, wherein one of said two filaments is in a third region.

23. (Previously Presented) The lamp from claim 19, wherein the second region is closer to a base of the lamp than the first region.